

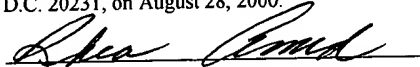


SECTOR #

PATENT
Docket No. 273012011200

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231, on August 28, 2000.


Rhea Amid

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Jill K. MacALPINE et al.

Serial No.: 09/551, 159

Filing Date: April 14, 2000

For: IMPROVED BETA, BETA'-
DIHYDROXY MESO-SUBSTITUTED
CHLORINS,
ISOBACTERIOCHLORINS, AND
BACTERIOCHLORINS

Examiner: To Be Selected

Group Art Unit: 1611

TRANSMITTAL LETTER FOR MISSING PARTS OF APPLICATION

Box Maintenance Fee
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In complete response to the Notice to File Missing Parts of Application Under
37 C.F.R. § 1.53(f) dated June 29, 2000, attached please find:

- ☒ Three separate combined Declarations and Powers of Attorney signed by the inventors and the surcharge of \$65.00 as set forth in 37 C.F.R. § 1.16(e).
- ☐ A declaration signed by the inventor(s) and the surcharge of \$130.00 as set forth in 37 C.F.R. § 1.16(e).
- ☐ A Power of Attorney and Prosecution by Assignee Under 37 C.F.R. § 3.71.
- ☐ A Declaration of Small Entity Status.
- ☐ A Petition for Extension of Time.
- ☐ A verified English translation of the application, and the \$130.00 fee as set forth in 37 C.F.R. § 1.17(k).
- ☐ A preliminary amendment.

- ☒ Other: Postcard; Request for Corrected Filing Receipt; and mark-up of original filing receipt

The filing fee has been calculated as follows:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	15 - 20 =	0	x \$18.00	\$0
INDEPENDENT CLAIMS	2 - 3 =	0	x \$78.00	\$0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00	\$0
			BASIC FEE	\$690.00
			TOTAL OF ABOVE CALCULATIONS =	\$690.00
Reduction by 1/2 for filing by small entity (Note 37 C.F.R. §§ 1.9, 1.27, 1.28). If applicable, verified statement must be attached.				\$345.00
SURCHARGE FOR FILING MISSING PARTS				\$65.00
			TOTAL =	\$410.00

- ☒ A check in the amount of \$410.00 is attached.
- ☐ Charge \$410.00 to Deposit Account No. 03-1952.

The Assistant Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this transmittal and associated documents, or to credit any overpayment to Deposit Account No. 03-1952. A duplicate copy of this transmittal is enclosed for that purpose.

Respectfully submitted,

Dated: August 28, 2000

By:



Kawai Lau
Registration No. (44,461)

Morrison & Foerster LLP
12636 High Bluff Drive
Suite 300
San Diego, California 92130-2071
Telephone: (858) 720-5178
Facsimile: (858) 720-5125



FOR QUALITIES LETTER



OC000000005212563



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/551,159	04/14/2000	Jill Kirsten MacAlpine	273012011200

Kawai Lau
Morrison & Foerster LLP
2000 Pennsylvania Avenue NW
Washington, DC 20006-1888

Version: 04/17/2000 CSB:FFeY 000/461509
09/01/2000 Name/Numbers: 09551159
09/01/2000 \$410.00 CR

Date Mailed: 06/29/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.

Applicant must submit \$ 690 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

Adjustment date: 09/01/2000
09/01/2000 WKORD: 0000C002 09551159
01 FC:201 345.00 OP
02 FC:205 65.00 OP

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 820.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

09/01/2000 WKORD: 0000C002 09551159

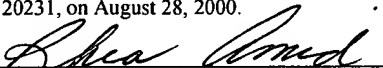
01 FC:201 345.00 OP
02 FC:205 65.00 OP



PATENT
Docket No. 2730120112.00

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

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Rhea Amid

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Jill K. MacALPINE et al.

Serial No.: 09/551,159

Filing Date: April 14, 2000

For: IMPROVED BETA, BETA'-
DIHYDROXY MESO-SUBSTITUTED
CHLORINS,
ISOBACTERIOCHLORINS, AND
BACTERIOCHLORINS

Examiner: To Be Selected

Group Art Unit: 1611

REQUEST FOR A CORRECTED FILING RECEIPT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please furnish the undersigned with a corrected Filing Receipt for the above-identified application. The corrections needed are as follows:

UNDER APPLICANT(S):

Please delete "Ethan D. Sternberg, Vancouver, CANADA" and replace with -- Christian Brückner, Stoms, CT. --.

UNDER TITLE:

Before "beta, beta'-dihydroxy meso-substituted chlorins, isobacteriochlorins, and bacteriochlorins", please insert -- Improved --.

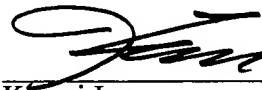
A copy of the marked-up Filing Receipt is attached.

In the unlikely event that the transmittal letter is separated from this request and the Patent Office determines that a fee is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952**. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated: August 28, 2000

By:



Kawai Lau
Registration No. (44,461)

Morrison & Foerster LLP
12636 High Bluff Drive
Suite 300
San Diego, California 92130-2071
Telephone: (858) 720-5178
Facsimile: (858) 720-5125



FILING RECEIPT



OC000000005212562

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAddress: ASSISTANT SECRETARY AND
COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/551,159	04/14/2000	1611	0	273012011200	9	15	2

Kawai Lau
Morrison & Foerster LLP
2000 Pennsylvania Avenue NW
Washington, DC 20006-1888

Date Mailed: 06/29/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Jill Kirsten MacAlpine, Alexandria, VA;
~~Ethan D. Stenberg, Vancouver, CANADA;~~
David Dolphin, Vancouver, CANADA;*Christian Brückner, Stoms, CT.*

Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/129,324 04/14/1999

Foreign Applications

If Required, Foreign Filing License Granted 06/26/2000

Title

Improved Beta, beta'-dihydroxy meso-substituted chlorins, isobacteriochlorins, and bacteriochlorins

Preliminary Class

540

Data entry by : SASORITH, MALASY

Team : OIPE

Date: 06/29/2000



RECEIVED